

Available online at www.sciencedirect.com



Dyes and Pigments 64 (2005) I-II



Contents of Volume 64

Number 1

- Micellar effects and reactant incorporation in reduction of toluidine blue by ascorbic acid B. ARIKAN & M. TUNÇAY (Turkey)
- 9 Reactive dyeing properties of novel regenerated cellulosic fibres J. KOH, I.S. KIM, S.S. KIM, W.S. SHIM & J.P. KIM (South Korea)
- 17 Alkali-hydrolysis kinetics of alkali-clearable azo disperse dyes containing a fluorosulphonyl group and their fastness properties on PET/cotton blends
 J. KOH (South Korea)
- The synthesis and properties of asymmetrically substituted 4,4'-bis(1,3,5-triazin-6-yl)diaminostilbene-2,2'-disulfonic acid derivatives as fluorescent brighteners
 J.-K. LEE, S.-I. UM, Y. KANG & D.-J. BAEK (South Korea)
- 31 Synthesis and photoluminescent properties of some novel fluorene derivatives L. FENG, C. ZHANG, H. BIE & Z. CHEN (PR China)
- 35 Studies on the synthesis of 4,4'-diaminodiphenylurea and direct dyes derived therefrom Y. LI, W. LI, Y. ZHANG & D. LIU (PR China)
- 39 Studies on decolouration, toxicity and the possibility for recycling of acid dye effluents using ozone treatment M. MUTHUKUMAR, D. SARGUNAMANI, M. SENTHILKUMAR & N. SELVAKUMAR (India)
- 45 Red electroluminescent azomethine dyes derived from diaminomaleonitrile S.-H. KIM, S.-H. YOON, S.-H. KIM & E.-M. HAN (South Korea)
- Cyanide-sensitive fluorescent probes
 R. BADUGU, J.R. LAKOWICZ & C.D. GEDDES (USA)
- 57 Removal of vat and disperse dyes from residual pad liquors V. GOLOB & A. OJSTRŠEK (Slovenia)
- 63 Synthesis of novel cationic amphiphilic phthalocyanine derivatives for next generation photosensitizer using photodynamic therapy of cancer K. SAKAMOTO, T. KATO, E. OHNO-OKUMURA, M. WATANABE (Japan) & M.J. COOK (UK)
- Affinity of disperse dyes on poly(ethylene terephthalate) in non-aqueous media: part 1. Adsorption and solubility properties
 T.-K. KIM, Y.-A. SON & Y.-J. LIM (South Korea)
- 79 Nature of electron transitions in polymethine dyes—derivatives of indeno[2,1-b]chromene D.G. KROTKO, K.V. FEDOTOV, A.D. KACHKOVSKI & A.I. TOLMACHEV (Ukraine)
- 85 Effect of reactive anionic agent on dyeing of cellulosic fibers with a Berberine colorant—part 2: anionic agent treatment and antimicrobial activity of a Berberine dyeing T.-K. KIM & Y.-A. SON (South Korea)

Short communication

91 One step synthesis of dibenzoxanthenes R.J. SARMA & J.B. BARUAH (India)

Number 2

- The synthesis and properties of triazine-stilbene fluorescent brighteners containing the phenolic antioxidant S.-I. UM, J.-K. LEE, Y. KANG & D.-J. BAEK (South Korea)
- 101 Ozonation of aqueous Bomaplex Red CR-L dye in a semi-batch reactor E. OGUZ, B. KESKINLER & Z. ÇELIK (Turkey)
- The efficiency of the generation of photochemically active triplet states in oils containing various amounts of natural pigments
 H. PIEŃKOWSKA, A. DUDKOWIAK, D. MUSZYŃSKI & D. FRĄCKOWIAK (Poland)
- 117 The excited-states quenching of resazurin and resorufin by *p*-benzoquinones in polar solvents H.A. MONTEJANO, M. GERVALDO & S.G. BERTOLOTTI (Argentina)

- 125 Synthesis of novel squaraine dyes and their intermediates
 A.L. TATARETS, I.A. FEDYUNYAEVA (Ukraine), E. TERPETSCHNIG (USA) & L.D. PATSENKER (Ukraine)
- Degradation of *C.I. Reactive Orange 4* and its simulated dyebath wastewater by heterogeneous photocatalysis M.S.T. GONÇALVES, E.M.S. PINTO, P. NKEONYE & A.M.F. OLIVEIRA-CAMPOS (Portugal)
- 141 A study on the synthesis and photophysical performances of some pyrazole and triazole fluorescent brightening agents X. WANG, W. LI, X.-H. ZHANG, D.-Z. LIU & X.-Q. ZHOU (PR China)
- 147 Wastewater treatment after reactive printing S. ŠOSTAR-TURK, M. SIMONIČ & I. PETRINIĆ (Slovenia)
- New pH indicator based on 1,3-bisdicyanovinylindane Y.-A. SON & S.-H. KIM (South Korea)
- 157 Antimicrobial activity of wool fabric treated with curcumin S. HAN & Y. YANG (USA)
- Synthesis and evaluation of a series of trisazo hetero bi-functional reactive dyes for cotton J. MOKHTARI, D.A.S. PHILLIPS & J.A. TAYLOR (UK)
- The study of the solubility of naphthalene diimides with various bulky flanking substituents in different solvents by UV-vis spectroscopy S. ERTEN (Turkey), Y. POSOKHOV (Turkey & Ukraine), S. ALP & S. İÇLI (Turkey)
- 179 Synthesis and fluorescence properties of novel co-facial folded naphthalimide dimers J. REN, X.-L. ZHAO, Q.-C. WANG, C.-F. KU, D.-H. QU, C.-P. CHANG & H. TIAN (China)

Number 3

- Utilization of powdered peanut hull as biosorbent for removal of anionic dyes from aqueous solution R. GONG, Y. DING, M. LI, C. YANG, H. LIU & Y. SUN (PR China)
- New fluoride fluorescent chemosensors based on perylene derivatives linked by urea J. REN, X.-L. ZHAO, Q.-C. WANG, C.-F. KU, D.-H. QU, C.-P. CHANG & H. TIAN (China)
- 201 A spectroscopic study of photobleaching of Chlorin p6 in different environments K. DAS, A. DUBE & P.K. GUPTA (India)
- 207 Electronic properties of polymethine systems 7: soliton symmetry breaking and spectral features of dyes with a long polymethine chain O.D. KACHKOVSKI, O.I. TOLMACHOV, YU.L. SLOMINSKII, M.O. KUDINOVA, N.O. DEREVYANKO & O.O. ZHUKOVA (Ukraine)
- 217 Decolorization and detoxification of textile wastewater by ozonation and coagulation processes H. SELCUK (Turkey)
- 223 Synthesis of some new azo pyrazolo[1,5-a]pyrimidine-thieno[2,3-b]pyridine derivatives and their application as disperse dyes Y. W. HO (Taiwan ROC)
- 231 An adsorption and kinetic study of lac dyeing on silk M. CHAIRAT, S. RATTANAPHANI (Thailand), J.B. BREMNER (Australia) & V. RATTANAPHANI (Thailand)
- Synthesis of some novel hetarylazo disperse dyes derived from 4-hydroxy-2H-1-benzopyran-2-one (4-hydroxycoumarin) as coupling component and investigation of their absorption spectra F. KARCI & N. ERTAN (Turkey)
- 251 Selective extraction and separation of textile anionic dyes from aqueous solution by tetrabutyl ammonium bromide G. MUTHURAMAN & K. PALANIVELU (India)
- 259 Synthesis and solvatochromic properties of some disazo dyes derived from pyrazolo[1,5-a]pyrimidine derivatives P.C. TSAI & I.J. WANG (Taiwan)
- The photoluminescence of coumarin derivative encapsulated in MCM-41 and Ti-MCM-41 W. ZHAO, D. LI, B. HE, J. ZHANG, J. HUANG & L. ZHANG (PR China)
- The investigation of crystal structure, spectroscopic and thermal properties of *p*-(*p*-acetylphenylazo)-*o*-allylphenol and *p*-(*p*-bromphenylazo)-*o*-allylphenol M. ODABAŞOĞLU, G. TURGUT, N. KARADAYI, & O. BÜYÜKGÜNGÖR (Turkey)

Short communication

279 Electrochromic properties of new fluorophores containing triphenylamine moiety S.-H. KIM (South Korea), J.-H. RYU (JAPAN), H.-J. CHOI & H.-S. KIM (South Korea)